

FIG. 1

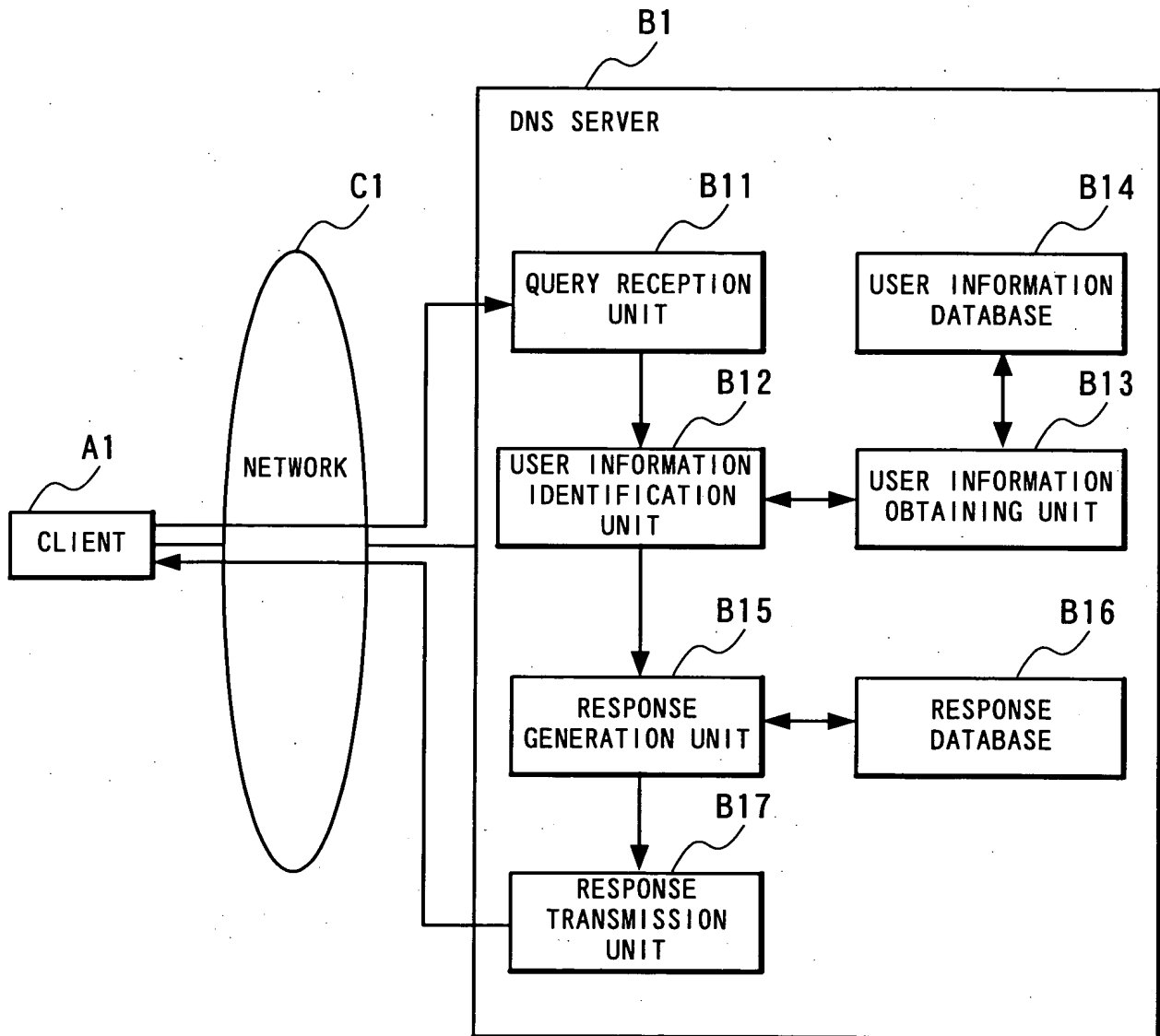


FIG. 2

B14



USER IP ADDRESS	LOG-IN ID	KIND OF CONNECTION LINE	NAS ADDRESS	REFERENCE DESTINATION
123.45.0.2	taro	ADSL	30.30.30.30	—
123.45.0.4	hanako	—	20.20.20.20	8.9.1.4
123.45.1.0/24	—	—	—	9.9.9.9
.

FIG. 3

201

USER ATTRIBUTE				DOMAIN NAME	REFERENCE DESTINATION
USER IP ADDRESS	USER ID	KIND OF CONNECTION LINE	NAS ADDRESS		
—	—	ADSL	30.30.30.30	aaa.com	"adsl_aaa_com.dat"
—	—	ISDN	20.20.20.20	aaa.com	"isdn_aaa_com.dat"
—	jiro	—	—	bbb.com	"jiro_bbb_com.dat"
123.45.1.5	—	—	—	bbb.com	1.2.3.4
...
DEFAULT				aaa.com	"aaa_com.dat"
				bbb.com	4.3.2.1
				ccc.com	"ccc_com.dat"
			

202

adsl_aaa_com.dat

TYPE	FQDN	DATA
A	www.aaa.com	9.8.7.6
A	mail.aaa.com	9.8.7.5
CNAME	ftp.aaa.com	adsl_ftp.aaa.com
...

203

isdn_aaa_com.dat

TYPE	FQDN	DATA
A	www.aaa.com	9.8.7.3
A	mail.aaa.com	9.8.7.2
CNAME	ftp.aaa.com	isdn_ftp.aaa.com
...

FIG. 4

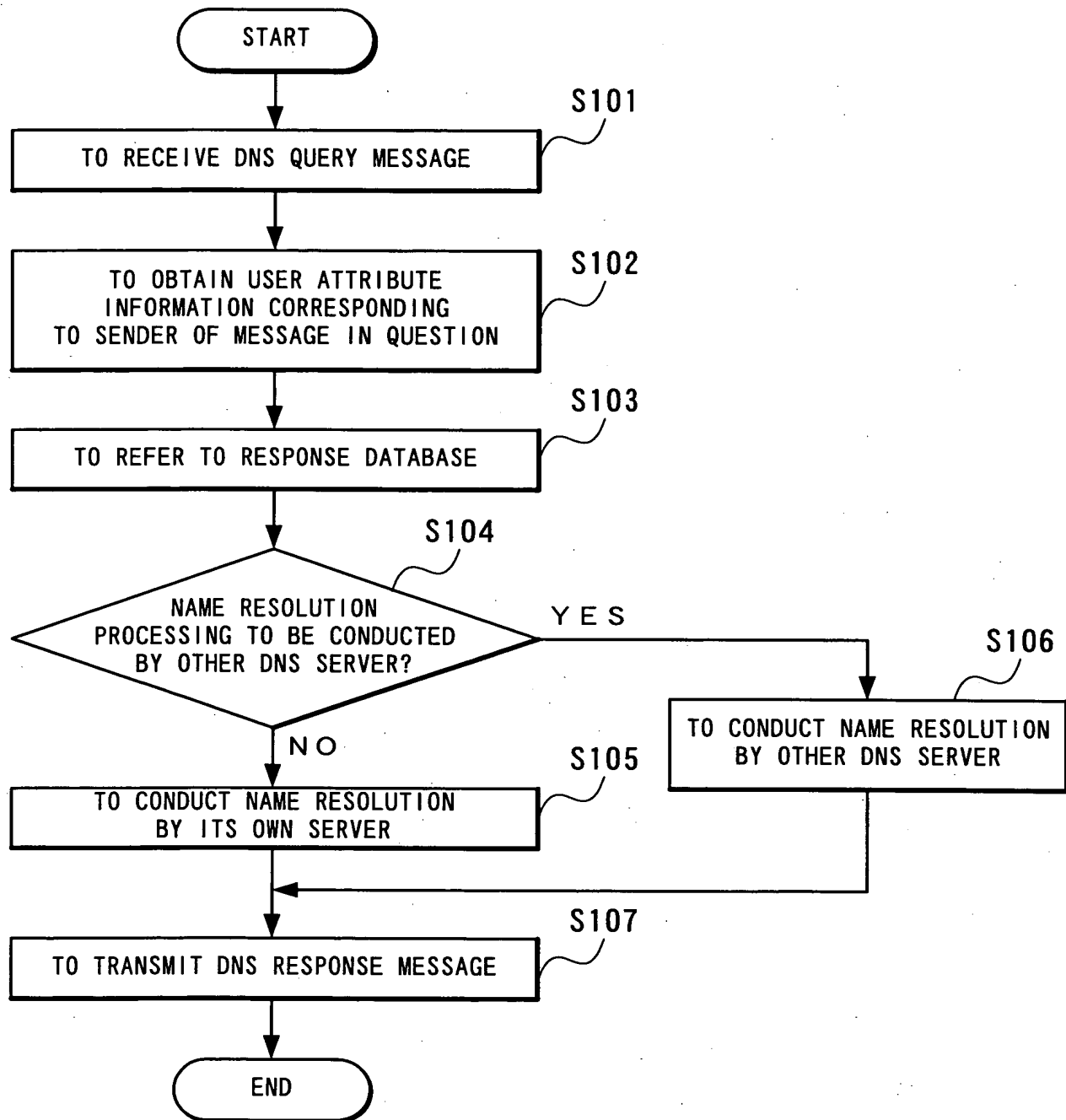


FIG. 5

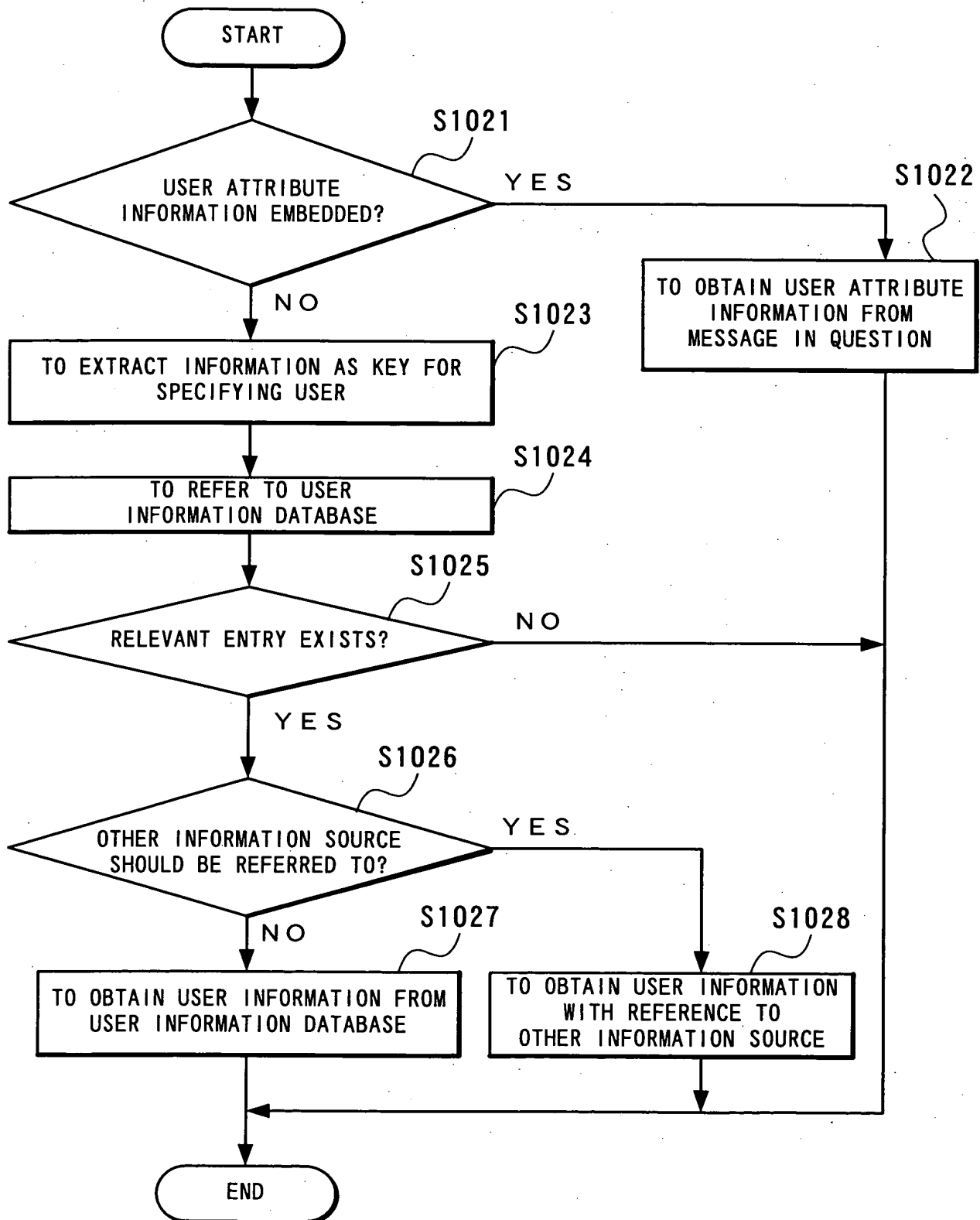


FIG. 6

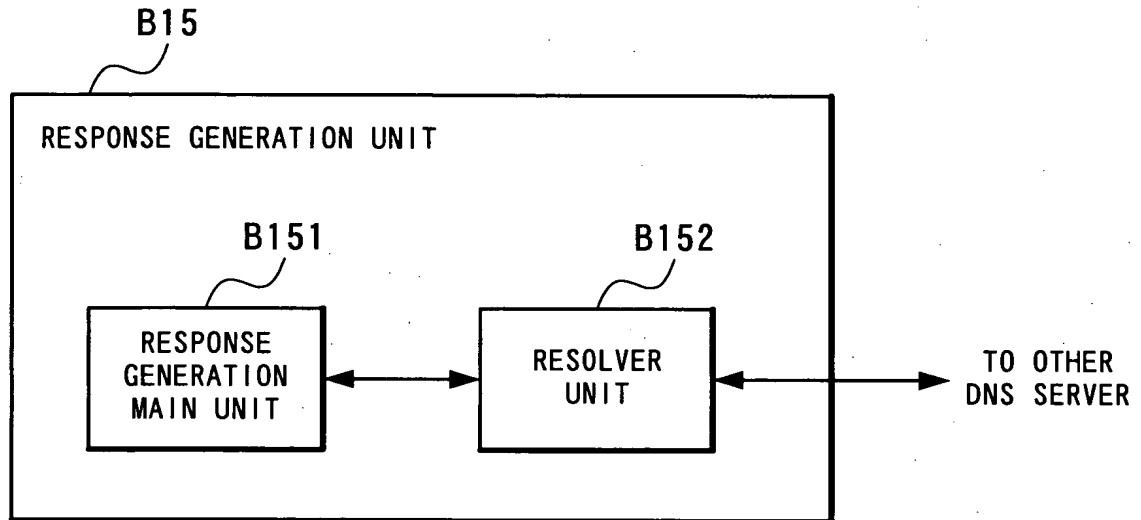


FIG. 7

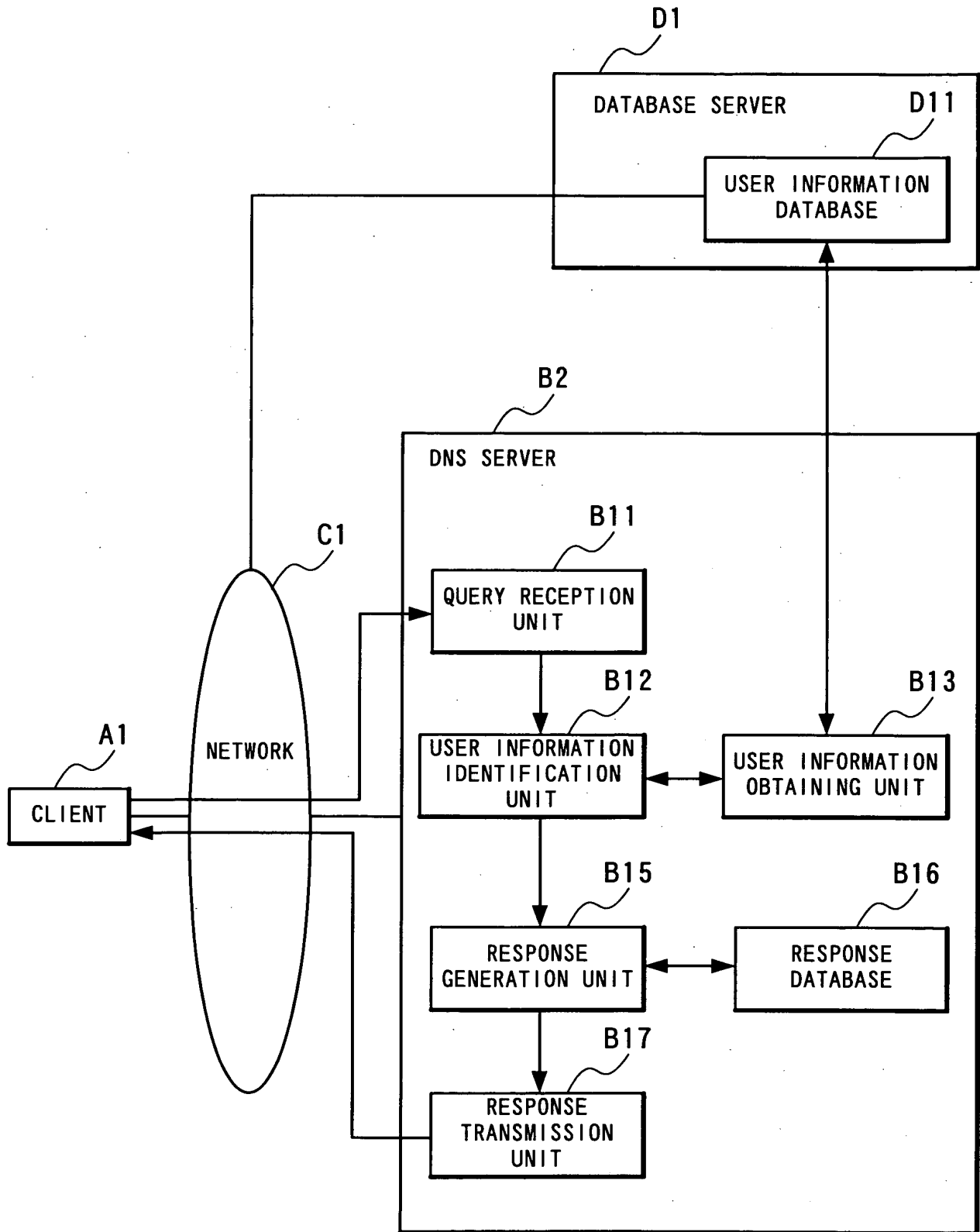


FIG. 8

301

USER ATTRIBUTE				DOMAIN NAME	REFERENCE DESTINATION
USER IP ADDRESS	USER ID	KIND OF CONNECTION LINE	NAS ADDRESS		
—	—	ADSL	30.30.30.30	aaa.com	"adsl_aaa_com.dat"
			
—	—	ISDN	20.20.20.20	aaa.com	"isdn_aaa_com.dat"
			
—	—	—	—	user.com	"user_com.dat"
			
DEFAULT				aaa.com	"aaa_com.dat"
				bbb.com	4.3.2.1
				ccc.com	"ccc_com.dat"
			

302

user_com.dat

FQDN		DATA
TYPE		
TXT	123-45-0-2.user.com	"login id=taro" access media=ADSL"NAS address=10.10.10.10
TXT	123-45-0-4.user.com	"login id=hanako"NAS address=20.20.20.20"refer=8.9.1.4"
TXT	123-45-1-0_24.user.com	"refer=9.9.9.9"
...

FIG. 9

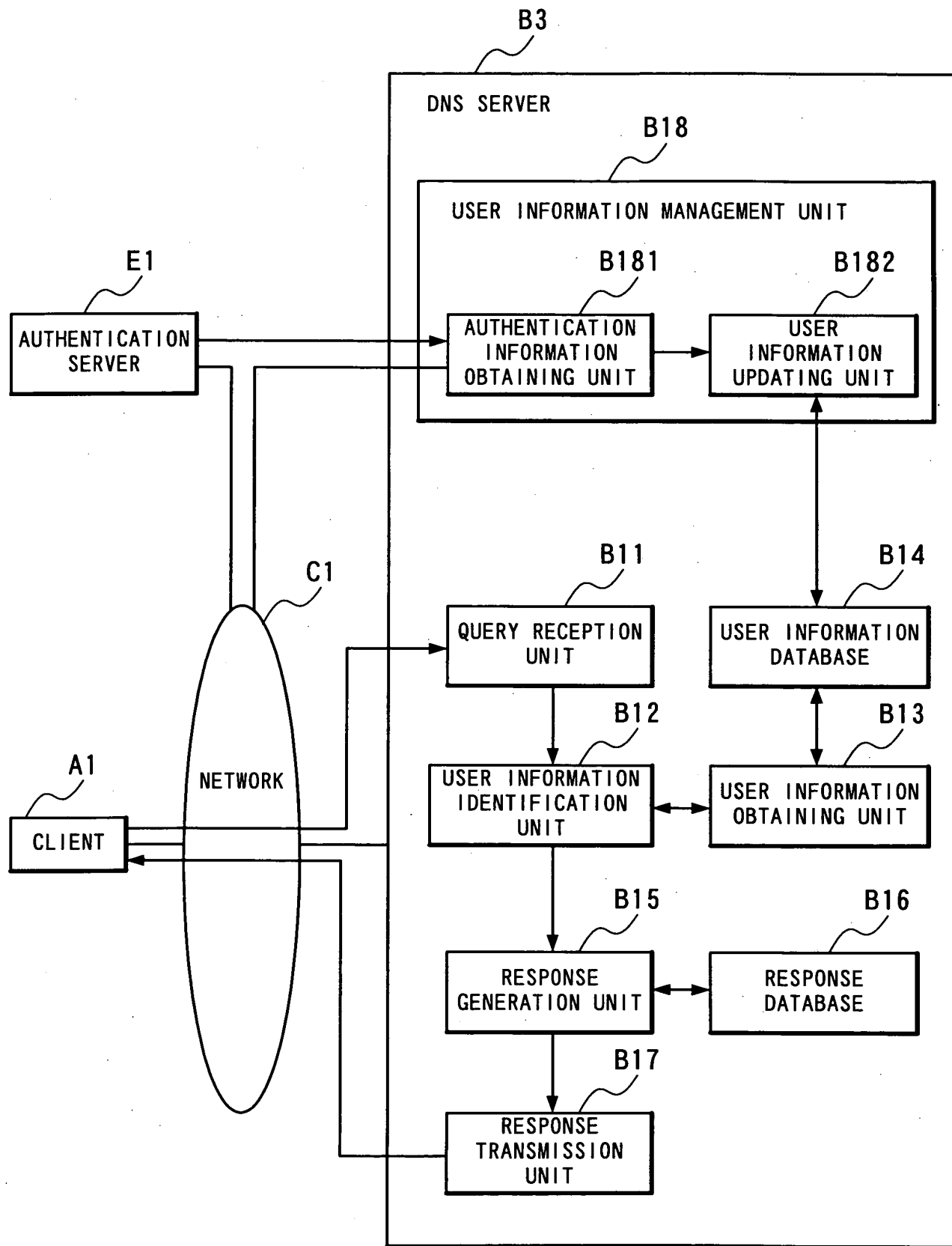


FIG. 10

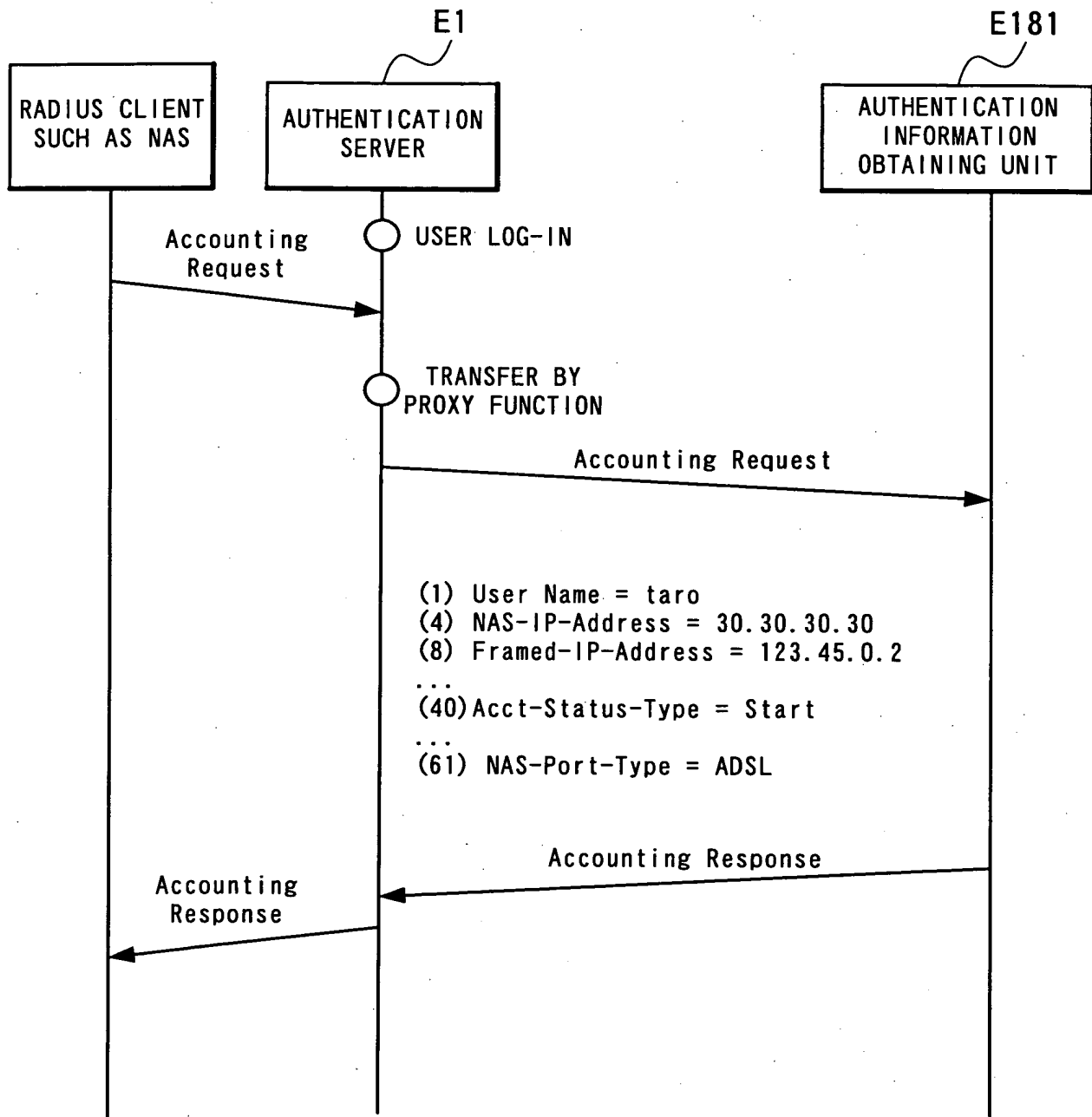


FIG. 11

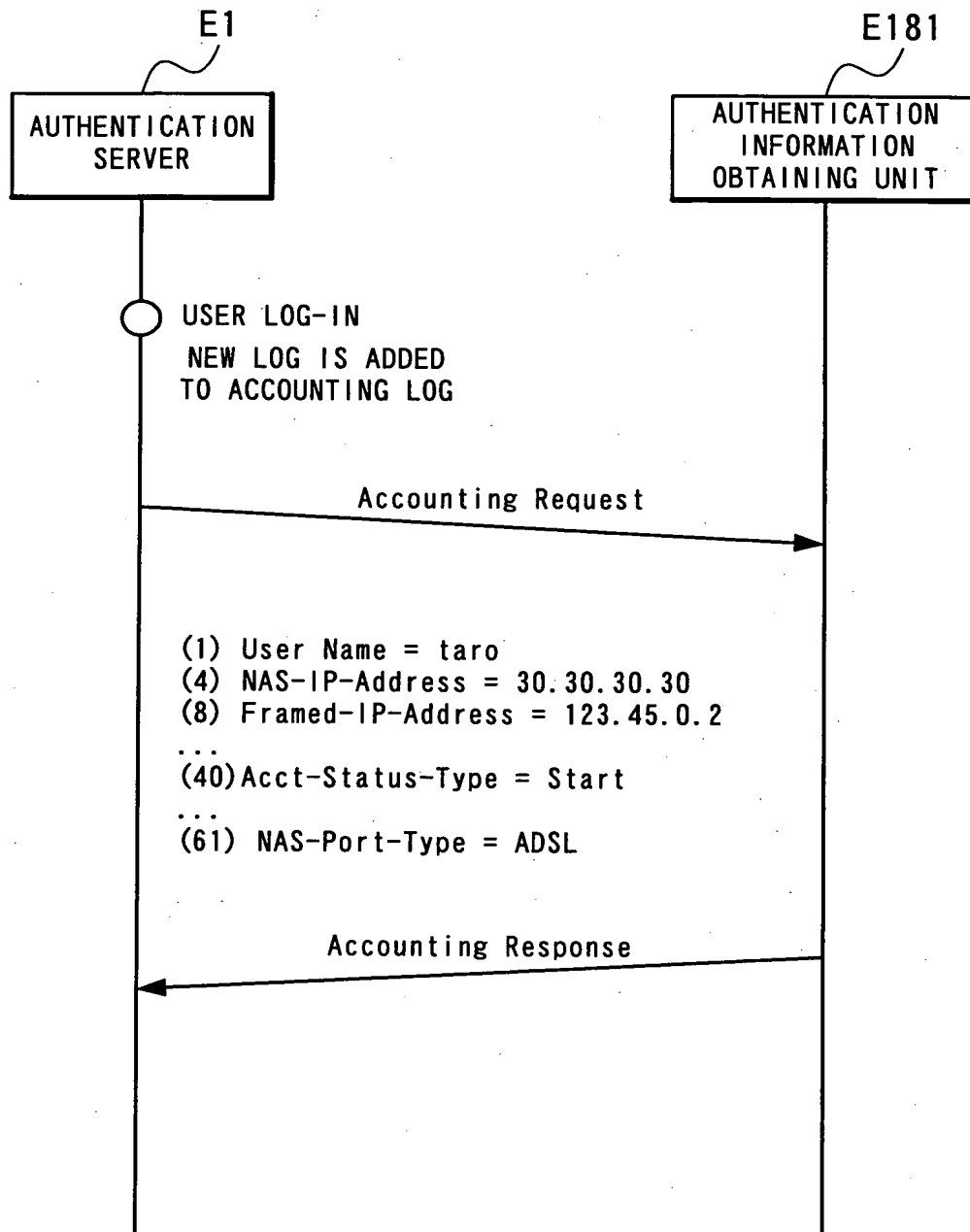
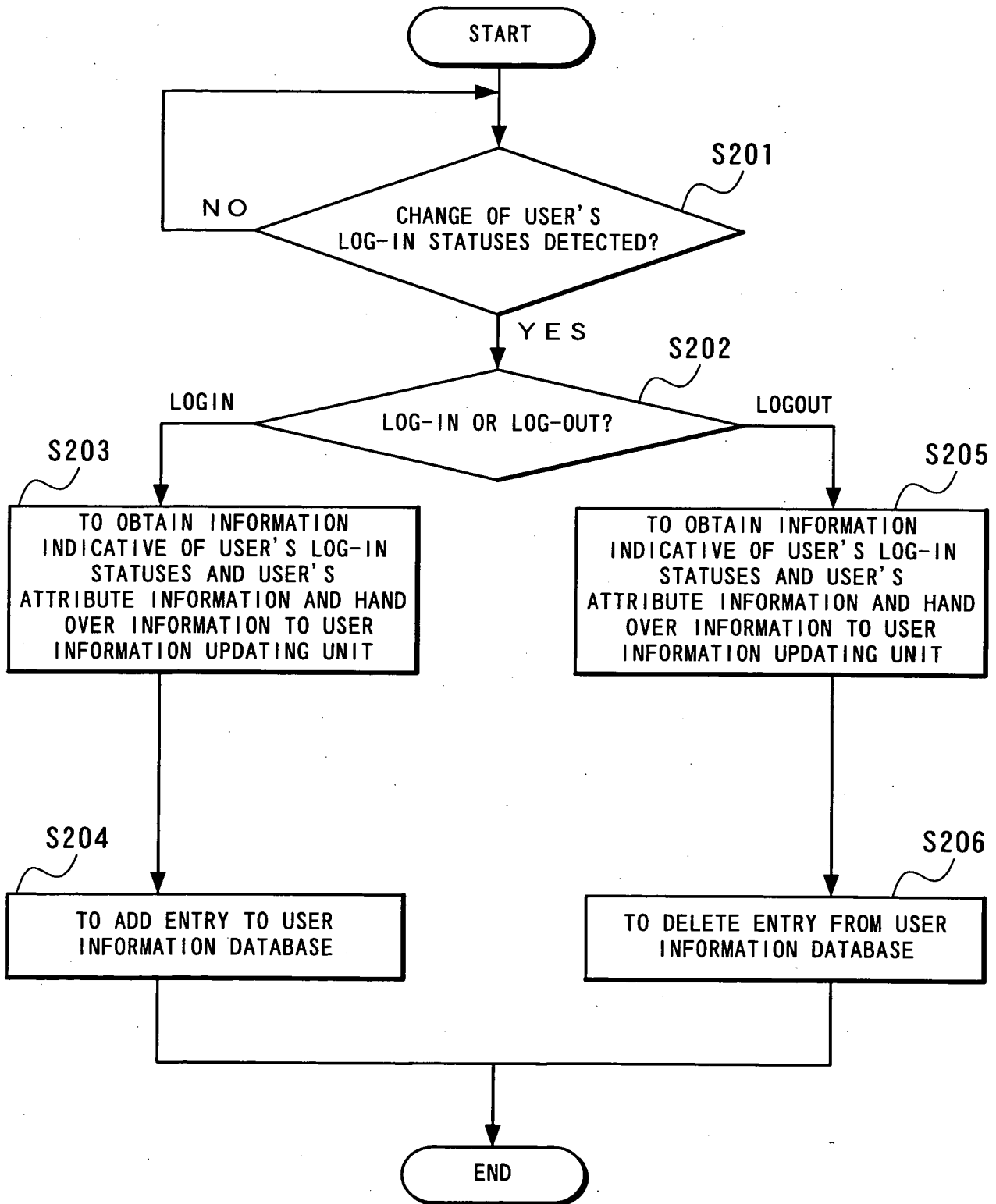


FIG. 12



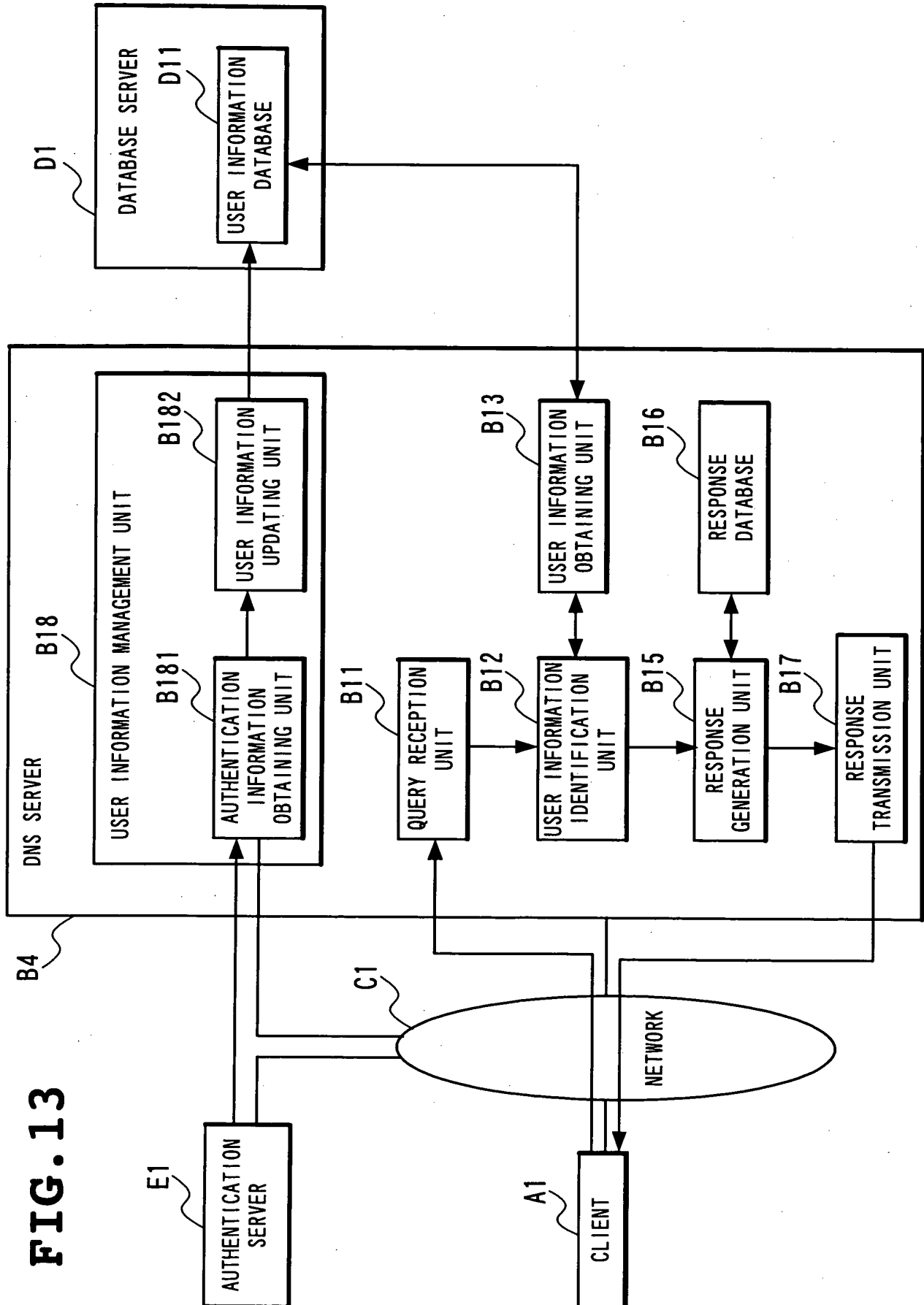


FIG. 14

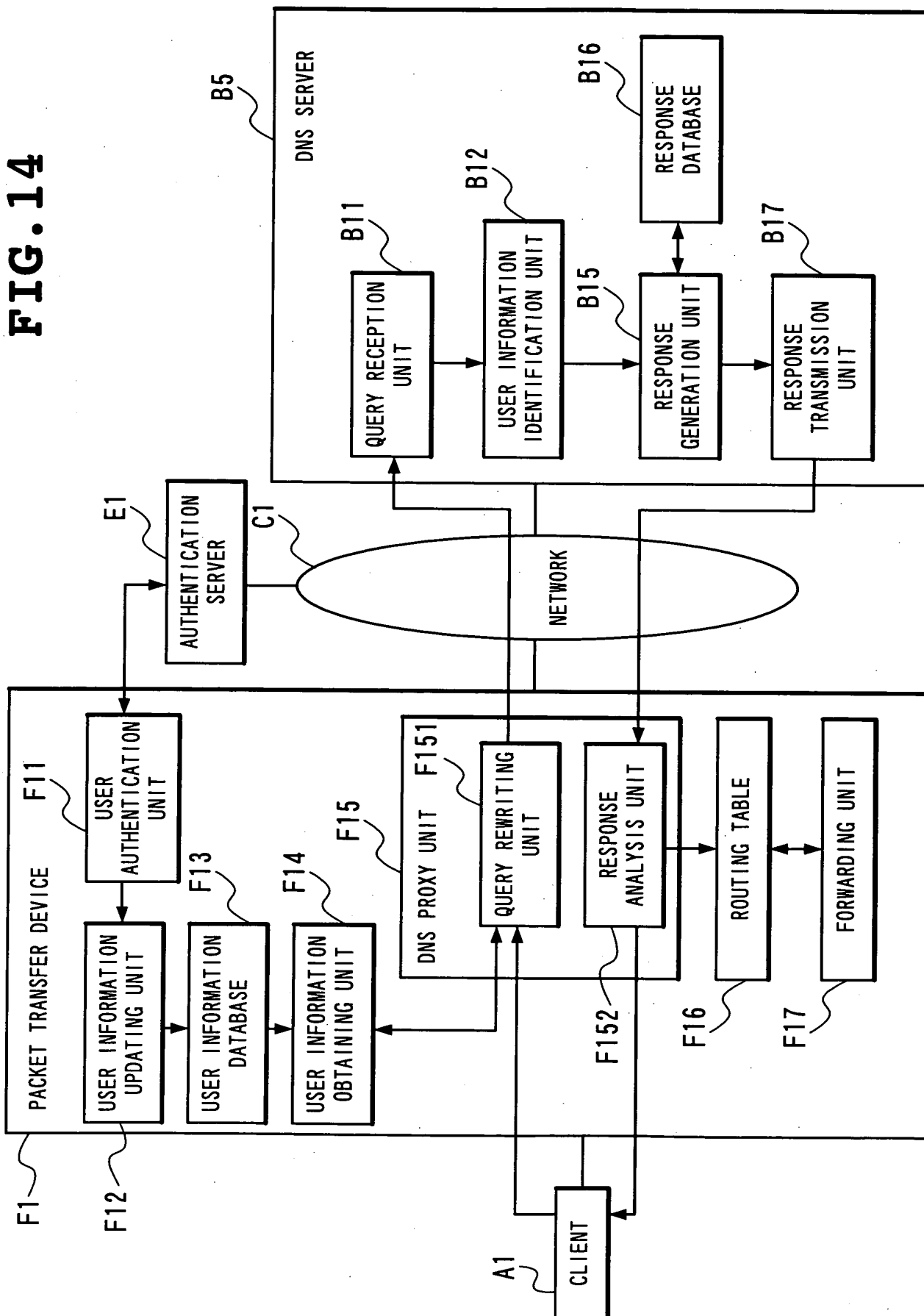


FIG. 15

401

USER ATTRIBUTE				DOMAIN NAME	REFERENCE DESTINATION
USER ID	KIND OF CONNECTION LINE	GROUP ID	PACKET TRANSFER DEVICE ID		
—	ethernet	silver	switch99	ddd.com	"sw99_ddd_com.dat"
			
—	wireless LAN	—	—	ddd.com	"wlan_ddd_com.dat"
			
hanako	—	—	switch99	ddd.com	"hanako_ddd_com.dat"
			
—	—	—	—
DEFAULT				aaa.com	"aaa_com.dat"
				bbb.com	4.3.2.1
				ccc.com	"ccc_com.dat"
			

402

sw99_ddd_com.dat

TYPE	FQDN	DATA	ADDITIONAL DATA
A	www.ddd.com	20.1.1.1	SrcPAddr=40.1.1.1,vlanID=111,output=21,priority=0
A	ftp.ddd.com	30.1.1.1	SrcPAddr=40.1.1.1,DestIPAddr=50.1.1.1,vlanID=222,output=21,priority=0
A	host.ddd.com	40.1.1.1	—
...

403

hanako_ddd_com.dat

TYPE	FQDN	DATA	ADDITIONAL DATA
A	www.ddd.com	60.1.1.1	SrcPAddr=40.1.1.1,DestIPAddr=90.1.1.1,vlanID=333,output=31,priority=1
A	ftp.ddd.com	70.1.1.1	SrcPAddr=50.1.1.1,DestIPAddr=90.1.1.1,vlanID=333,output=32,priority=1
A	host.ddd.com	80.1.1.1	—
...

FIG. 16

F13

INPUT PORT	SOURCE MAC ADDRESS	USER ID	KIND OF CONNECTION LINE	CONNECTION LINE SPEED	GROUP ID	. . .
02	00:12:34:56:78:9a	taro	ethernet	100Mbps	silver	. . .
11	00:bc:de:f0:12:34	hanako	ethernet	10Mbps	—	. . .
12	00:56:78:9a:bc:de	pochi	wireless LAN	10Mbps	silver	. . .
.

FIG. 17

F16

[illegible]

FIG. 18

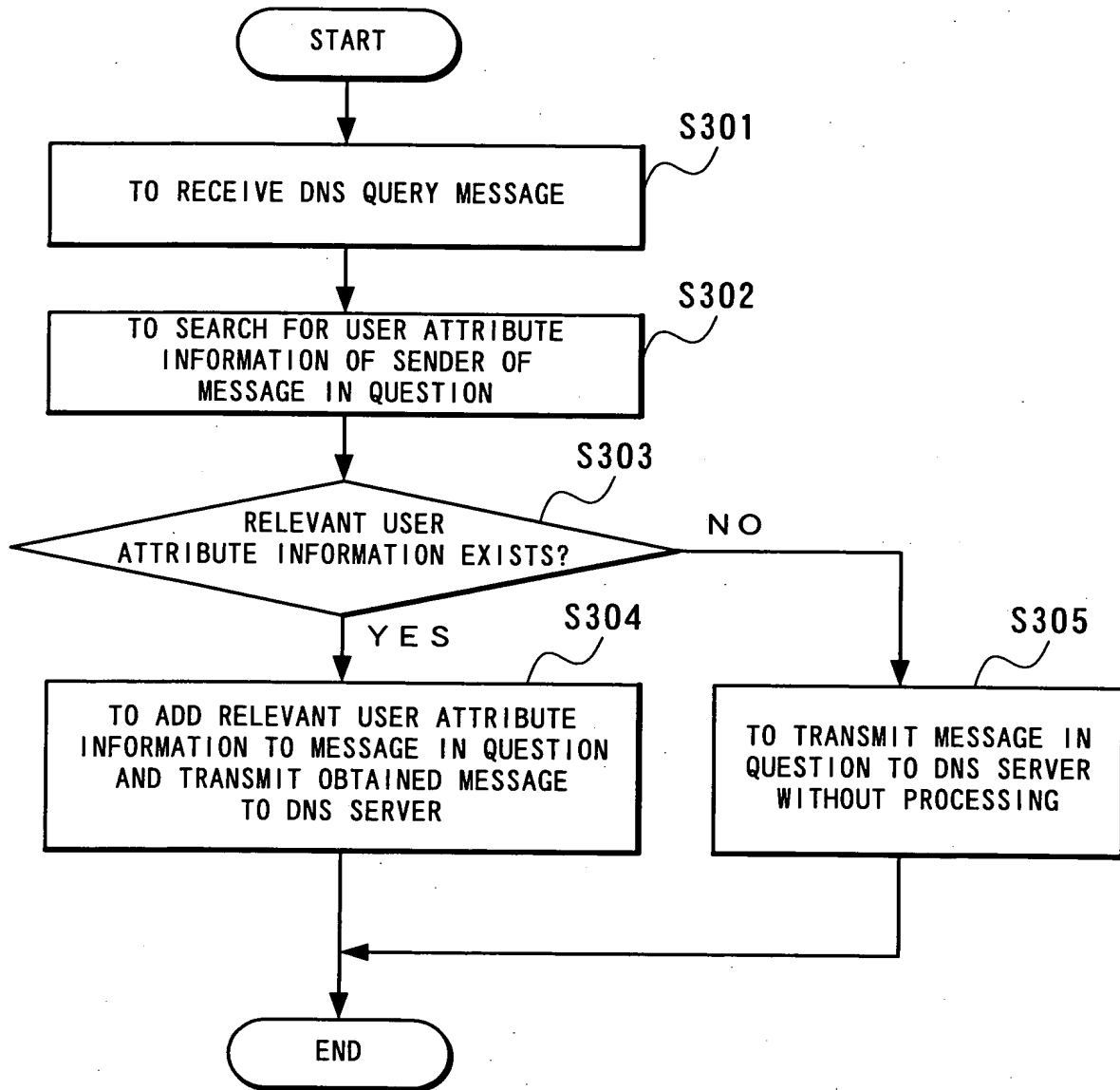


FIG. 19

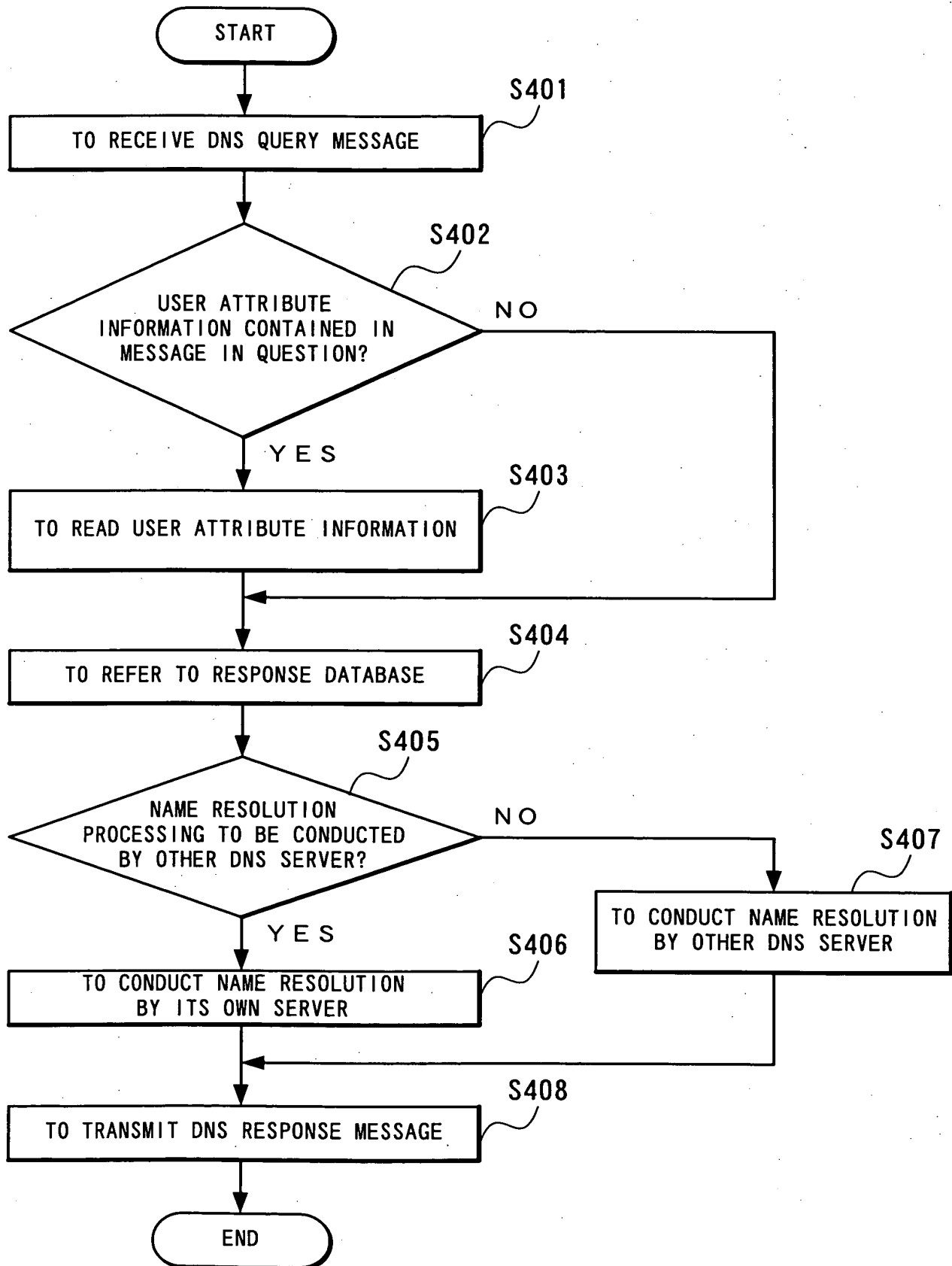


FIG. 20

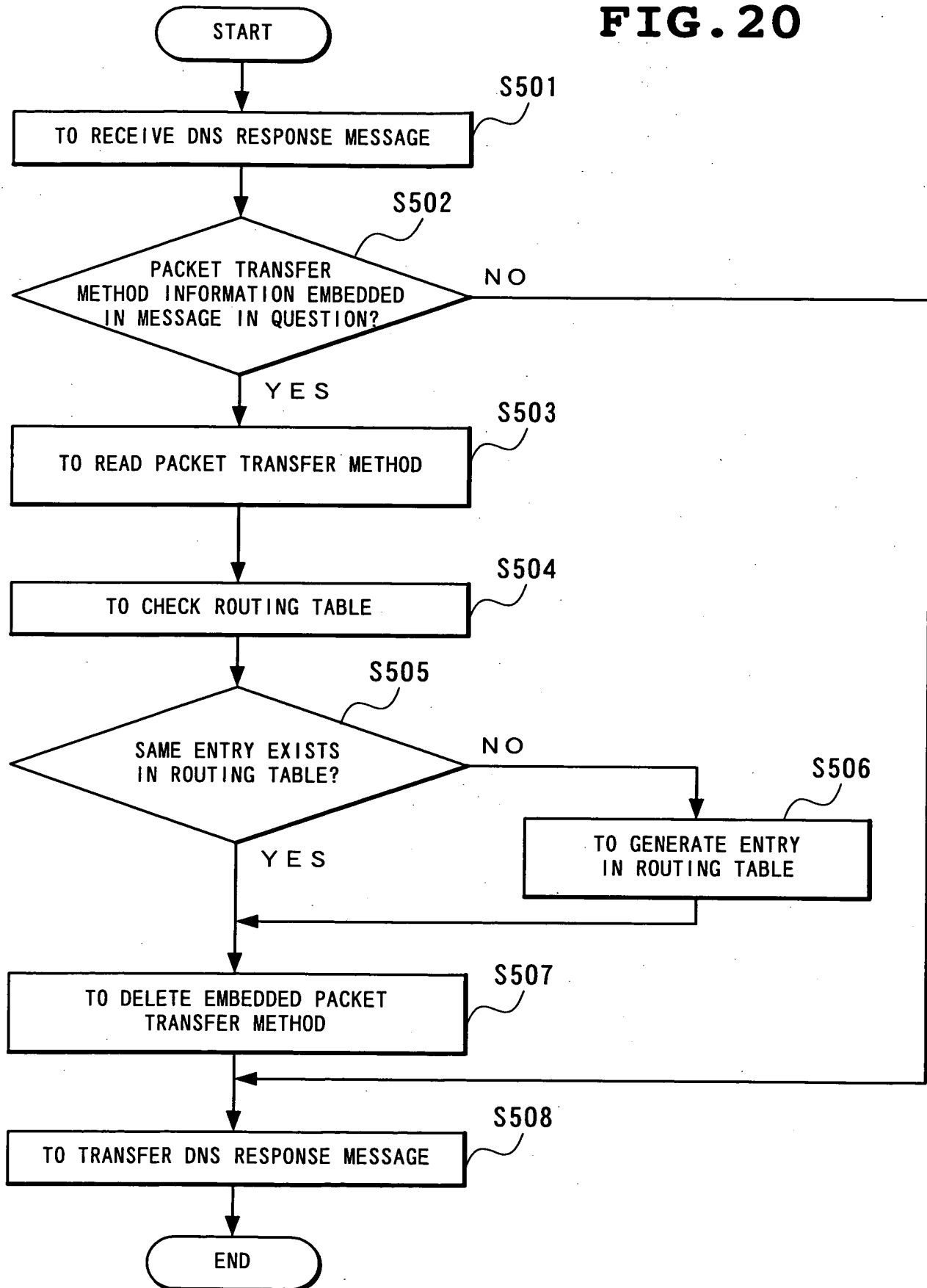


FIG. 21

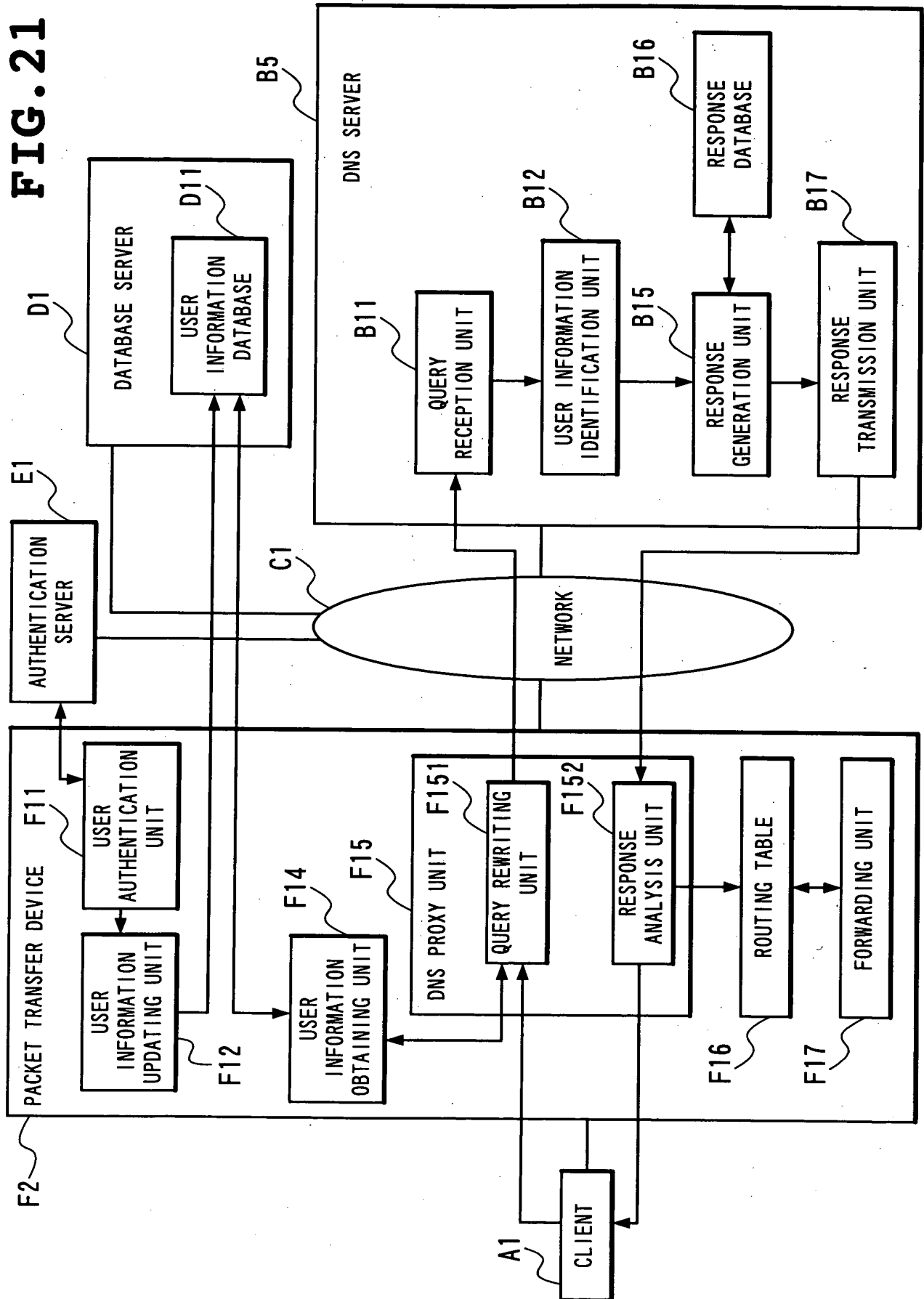


FIG. 22

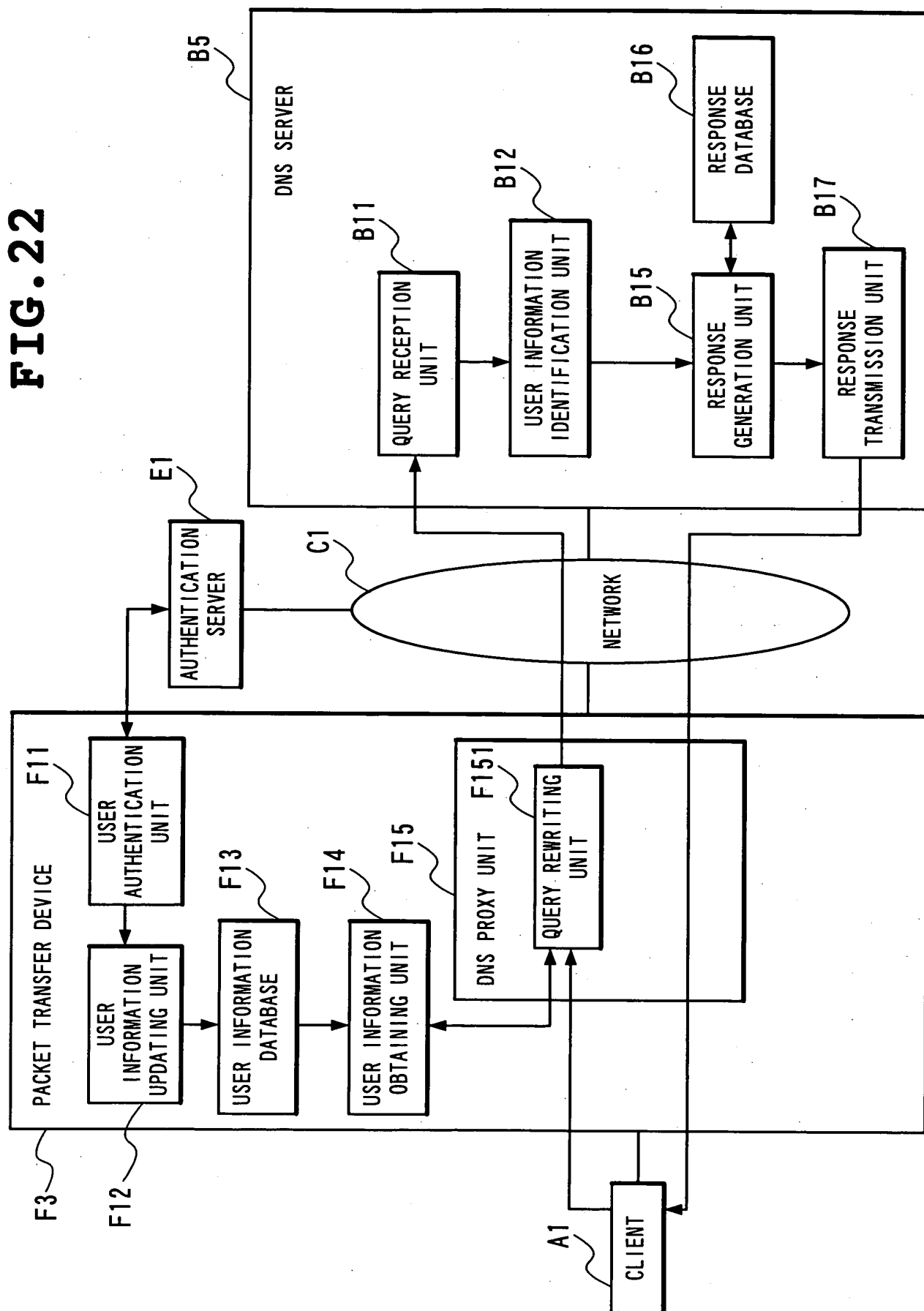


FIG. 23

